

ABSTRACT OF THE DISCLOSURE

A cylinder operation control apparatus includes: an internal combustion engine (E) which is adapted to operate in an all-cylinder activation mode and in a cylinder deactivation mode; a lift amount changing device (VT) which is associated with the internal combustion engine (E), and which enables switching between the all-cylinder activation mode and the cylinder deactivation mode by changing the amount of lifts of intake and exhaust valves (IV, EV) associated with the cylinders; a lift operating device (33) which is associated with the lift amount changing device (VT) to operate the same; a cylinder activation enforcing device (33') which is operatively disposed between the lift amount changing device (VT) and the lift operating device (33) so as to enforce the all-cylinder activation mode as necessary.